

Danaher - Dynapar Encoders

AI2500132B02K



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The **AI2500132B02K** is a part of the **Dynapar Encoders Series** by **Danaher**.

Specifications

Absolute Accuracy:	±0.01° mechanical (36 arc?sec)	Baud Rate:	9.6 KBaud to 12 MBaud	Electrical Interface:	Profibus?DP, Encoder Profile
Enclosure Rating:	IP64 or IP67	Encoder Type:	Absolute optical	Input Power:	10?30 VDC
Intrinsic Current:	220 mA (Single? Turn), 250 mA (Multi?Turn)	Max Shaft Load (10 mm):	9 lb axial, 13 lb radial	Max Shaft Load (6 mm):	13 lb axial, 24 lb radial
Max Shaft Speed:	10,000 RPM continuous, 12,000 RPM peak	Operating Temperature:	-40°C to +85°C	Output Code:	Binary
Repeatability:	±0.002° mechanical (7.2 arc?sec)	Resolution (Multi? Turn):	12 Bit	Resolution (Single? Turn):	10 to 14 Bit
Shaft Diameter Options:	6 mm (Servo), 10 mm (Clamping), 3/8" (Square Flange)	Shock Resistance:	1,000 m/s ² for 6 ms	Starting Torque:	<1.4 in?oz
Storage Temperature:	-40°C to +100°C	Last Verified:	07/16/2025 11:01 AM		

Contact Us

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Shipping Options



Payment Methods

